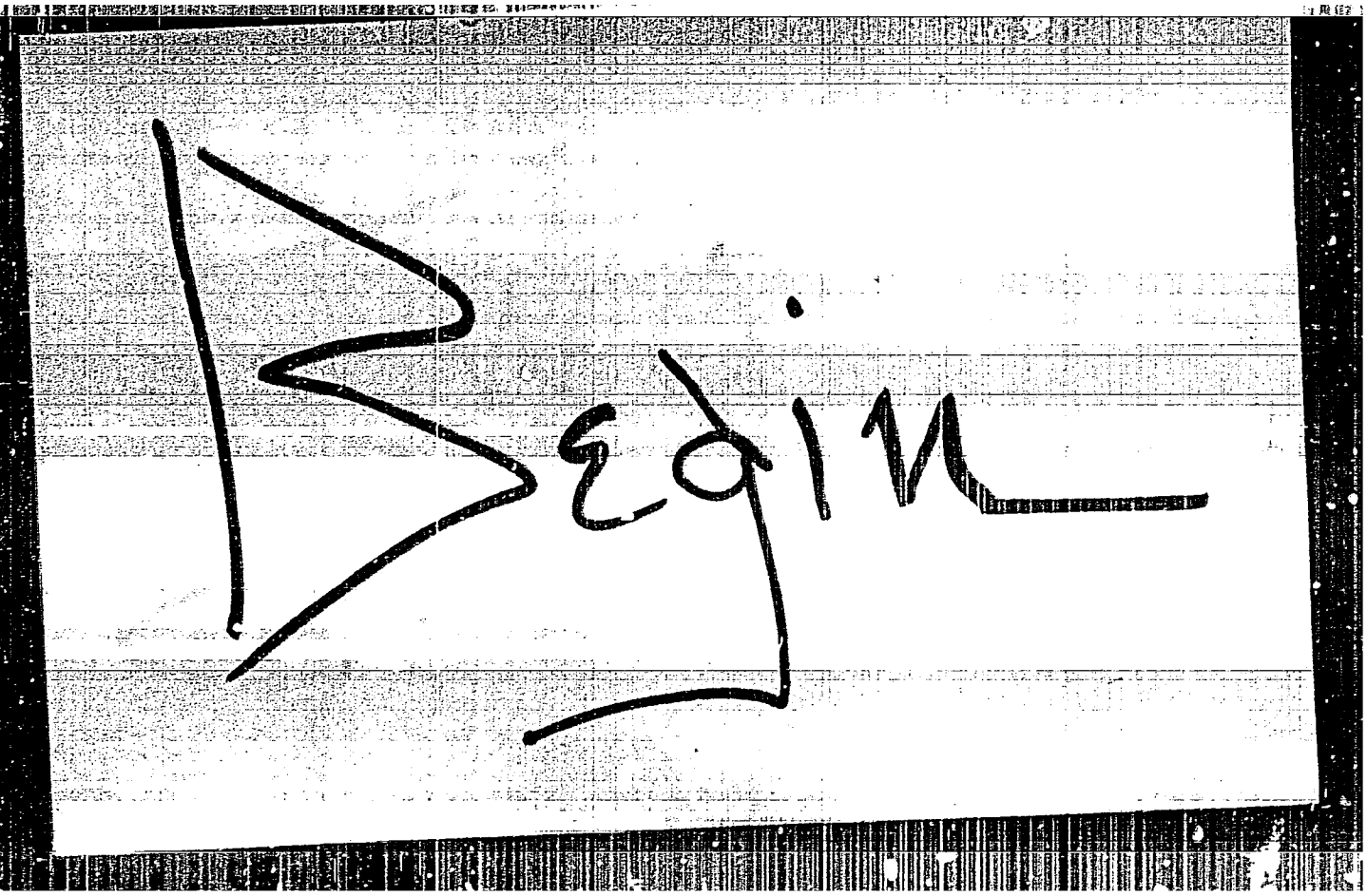

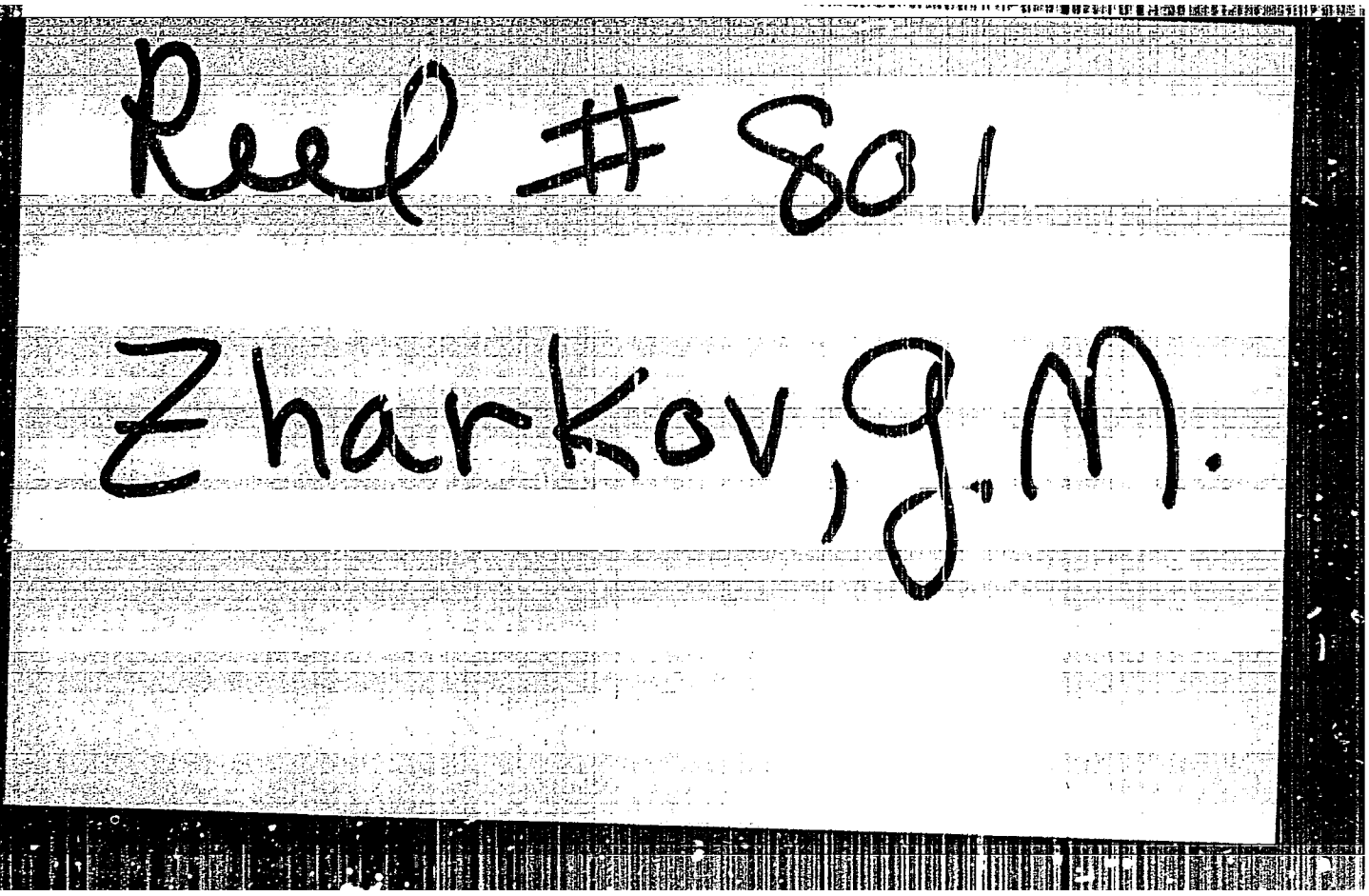

BORISENOK, I.T.; GENEROZOV, M.N.; YEREMEYEV, N.V.; KARAMYSHKIN, V.V.; KUZOVKOV, N.T.; BORISENOK, I.T.; KULIKOVSKAYA, N.V.; SAVINOV, G.I., kand.fiz.-mat. nauk, dots. [deceased]; PIROGOV, I.Z.; Prinimali uchastiye: BALAYEVA, I.A.; BALAKIN, B.M.; BELYAYEVA, G.M.; BELYAKOV, V.I.; VELERSHTEYN, R.A.; ZHARKOV, G.M.; KOROLEVA, V.Ye.; LITVIN-SEDOY, M.Z.; POPOV, A.I.; PRIVALOV, V.A.; STUKALOVA, L.M.; CHISTYAKOV, A.I.; SAVVIN, A.B., red.; CHISTYAKOVA, K.S., tekhn. red.

[Laboratory work in theoretical and applied mechanics] Laboratornyi praktikum po obshchei i prikladnoi mekhanike. Moskva, Izd-vo mosk. univ. 1963. 233 p. (MIRA 16:12)

1. Kafedra prikladnoy mekhaniki Moskovskogo gosudarstvennogo universiteta (for Balayeva, Balakin, Belyayeva, Belyakov, Velershteyn, Zharkov, Koroleva, Litvin-Sedoy, Popov, Privalov, Stukalova, Chistyakov).
(Mechanics--Laboratory manuals)

VRANCHAN, Z.E., kand.veterinarnykh nauk; RYABOVA, G.S., kand.veterinarnykh nauk; ZHAROV, G.V., kand.veterinarnykh nauk

For high-quality milk. Veterinariia 40 no.7:7-8 Jl '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

(Dairying--Hygienic aspects)

ZHARKOV, I.

Fotokontrol' rezul'tatov bombometaniia s razlichnykh vysot. (Stalinskii sokol, 1948, v.11, no.20)

Title tr.: Photographic control of the results of bombing from various altitudes.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of C ongress, 1955.

ZHARKOV, I.

Accounting for fixed assets and expendable materials of little value. Bukhg.uchet 16 no.2:33-35 F '57. (MLRA 10:2)

1. Glavnyy bukhgalter Upravleniya gazoprovoda Saratov--Moskva. (Accounting)

ZHARKOV, I.

Unnecessary requests. Fin. SSSR 22 no.4:52 Ap '61.
(MIRA 14:4)

1. Glavnyy bukhgalter Upravleniya toplivno-energeticheskogo khozyaystva Mosgorispolkoma.
(Moscow—Municipal services—Finance)

ZHARKOV, I.

ZHARKOV, I., inzhener.

Using metal cutting waste materials for the armature of reinforced concrete constructions. Gor. i sel'.stroi. no.6: 26 Je '57. (MIRA 10:10)

(Reinforced concrete)

REZNIKOV, Naum Iosifovich, prof., doktor tekhn.nauk, zasluzhennyy deyatel' nauki i tekhniki; ZHARKOV, Igor' Grigor'yevich; ZAYTSEV, Vladimir Mikhaylovich; KAZARIN, Arkadiy Semenovich; KRAVCHENKO, Boris Alekseyevich; URYVSKIY, Fedor Prokof'yevich; BALANDIN, A.F., red. izd-va; EL'KIND, V.D., tekhn.red.

[Efficient ways of machining stainless and heat-resistant materials] Proizvoditel'naia obrabotka nerzhaveiushchikh i zharoprochnykh materialov. Pod red. N.I.Reznikova. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 198 p. (MIRA 13:12)
(Steel, Stainless) (Heat-resistant alloys)
(Metal cutting)

ACC NR: AR6035436 SOURCE CODE: UR/0276/66/000/008/B157/B157

AUTHOR: Zharkov, I. G.; Stebikhov, V. I.

TITLE: Group cutting of sheet material by means of double tongued milling cutters

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 8B1046

REF SOURCE: Tr. Kafedry proiz-va letatel'n. apparatov. Kuybyshevsk. aviats. in-t, vyp. 20, ch. 2, 1965, 85-90

TOPIC TAGS: sheet metal, metal cutting, cutting tool/ D16ATN alloy, V95ATN alloy, V95ATV alloy

ABSTRACT: Sheets of heat-treated light alloys of the type D16ATN, V95ATN, and V95ATV, with σ_b = 50 kg/mm^2, is cut with machines of three types: 1) with a stationary spindle directed vertically upward; 2) with a spindle directed vertically downward, capable of being displaced in the horizontal plane along a template with the aid of a hinged pointer; 3) profiling milling machines with mechanical feed. The first two types of machines have a manual feed. The cut stack can have a thickness up to 10 mm and can consist of 1 - 6 sheets. The conditions for group cutting of sheet material are recommended. The optimal geometry of two-tongued milling cutters is given. The rear angle should be not larger than 25°. The width of the chamfer of the rear angle should be 0.5 - 0.7 mm. A cylindrical chamfer not larger than 0.02 mm is permissible on the cutting blade. The cutting part of two-tongued milling cutters is made of R18 steel and has a hardness HRC 58 - 60. The tail piece is of 45 steel with hardness HRC 40.

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UDC: 621.914.1:620.164.1

ACC NR: AR6035436

To prevent breaking of the milling cutters, a special chuck with an unloading belt is used in the tail part. Cooling and lubrication of the tool is by spraying a solution of copper naphthenate. 3 illustrations, 2 tables. V. Golubeva [Translation of abstract]

SUB CODE: 13

Card 2/2

Zharkov, I.G.

PHASE I BOOK EXPLOITATION SOV/4262

Akademiya nauk SSSR. Komissiya po tekhnologii mashinostroyeniya

Obrabotka zharoprochnykh splavov (Treatment of Heat-Resistant Alloys) Moscow, Izd-vo AN SSSR, 1960. 231 p. 3,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Nauchnyy sovet po problemam zharoprochnykh splavov.

Resp. Ed.: V.I. Dikushin, Academician; Ed. of Publishing House: V.A. Kotov; Tech. Ed.: V.V. Brizgal'.

PURPOSE: This collection of papers is intended to summarize current information on the treatment of heat-resistant alloys with a view toward coordination further research.

COVERAGE: The book is a collection of papers presented at the Conference on Heat-Resistant Alloys, held 18-21 December 1957 by the Commission on Machine-Construction Technology of the Institut mashinovedeniya AN SSSR (Institute of Machine Science, Academy of Sciences USSR). The thirty papers in the collection deal with the casting, pressure working, welding, and cutting of heat-resistant alloys. No personalities are mentioned. References accompany several of the articles.

Reznikov, A.N. Heat Distribution Between Workpiece and Tool in the Machining of Heat-Resistant Alloys and Steels 162

Kurochkin, A.S. Investigation of Some Factors in the Machinability of the EI617 Alloy 175

Kravets, A.T. Electric-Pulse Machining of Heat-Resistant Alloys 182

Zharkov, I.G. High-Speed Milling of Heat-Resistant Materials With [illegible] Helical Cutters 1[illegible]

Urvatskiy, F.F. Productivity Increase in the Machining of Heat-Resistant Steels and Alloys With Face Milling Cutters 195

Shifrin, A.Sh. Non-Soviet Experience in the Machining of Stainless and Heat-Resistant Steels and Alloys 202

Vasil'yev, D.T. Tool Life in the Machining of High-Strength Metals 207

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ZHARKOV, I.G.

PHASE I BOOK EXPLOITATION SOV/3791

Soveshchaniye po obrabotke zharoprochnykh splavov, Moscow, 1957.

Obrabotka zharoprochnykh splavov; [sbornik dokladov...] (Treatment of Heat-Resistant Alloys; Collection of Papers Read at the Conference), Moscow, Izd-vo AN SSSR, 1960. 231 p. 3,500 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut mashinovedeniya. Komissiya po tekhnologii mashinostroyeniya; Akademiya nauk SSSR. Institut metallurgii im. A.A. Baykova. Nauchnyy sovet po problemam zharoprochnykh splavov.

Resp. Ed.: V.I. Dikushin, Academician; Ed. of Publishing House: V.A. Kotov; Tech. Ed.: V.V. Bruzgul'.

PURPOSE: This book is intended for metallurgists.

COVERAGE: The book consists of thirty papers read at the Conference on the Treatment of Heat-Resistant Alloys held in Moscow by the Committee on Machine-Building Technology Institute of the Science of Machines, Academy of Sciences USSR, in 1957. The papers deal with four principal areas of all... metallurgy: casting, forming, machining, and welding. The alloys (together with refractory carbides, borides, nitrides and oxides) are discussed especially in connection with their application in the manufacture of turbine blades, heat engines, boilers, reactors, containers for high-temperature media, dies, casting molds, and metal-cutting tools. No personalities are mentioned. Some of the articles are accompanied by references, mainly Soviet.

Pronina, Ye.N. Gas-Shielded Arc Welding of Heat-Resistant Alloys 124

Nikolayev, G.A., and A.V. Mordvintseva. Welding of Martensitic Steel 131

Chuloshnikov, P.L. Resistance Welding of Titanium 138

Pankin, A.V. Two Examples of the Machining of Wear- and Heat-Resistant Alloys 145

Reznikov, N.I. Machinability of Heat-Resistant Steels and Alloys in Turning, Milling, and Drilling With Carbide Tools 154

Reznikov, A.N. Temperature Field in the Work and in the Tool in Machining Heat-Resistant Steels and Alloys 162

Kurochkin, A.S. Investigation of Some Machinability Factors of EI617 Heat-Resistant Alloy 175

Kraveta, A.T. Electric-Pulse Machining of Heat-Resistant Alloys 182

Zharkov, I.G. High-Speed Milling of Heat-Resistant Materials With Plain Spiral Milling Cutters 190

Uryvskiy, F.P. Increasing Productivity in the Machining of Heat-Resistant Steels and Alloys With Face Milling Cutters 195

Shifrin, A.Sh. Examples of Foreign Practice in the Machining of Stainless and Heat-Resistant Steels and Alloys 202

Vasil'yev, D.T. Tool Life in the Machining of High-Strength Metals 207

Gurevich, Ya.L. Machinability of Stainless Steels in Turning, Milling, and Reaming Operations 214

Morozenko, O.V. Cutting of Threads on Parts Made of Heat-Resistant Materials and Titanium Alloys 222

Golubev, S.A. Some Questions Concerning the Machinability of Heat-Resistant Alloys 226

S/123/61/000/001/013/015
A005/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1961, No. 1, p. 48, # 1B436

AUTHOR: Zharkov, I. G.

TITLE: Speed Milling of the Hardened ZOKhGSNA Steel

PERIODICAL: "Tr. Kuybyshevsk. aviats. in-t", 1959, No. 9, pp. 81-87

TEXT: An investigation showed that the application of speed milling of the hardened 30ХГСНА (ZOKhGSNA) steel with two-sided cutting disks and cylindric instead of grinding is quite possible with obtaining precision of the third class and a finish of the classes 6-7. The optimum geometric characteristics of these cutters are: $\gamma = -10^{\circ}$, $\alpha = 15^{\circ}$, feeds of the cutting disks are 0.02 - 0.07 mm per tooth, for cylindric cutters 0.05 - 0.15 mm per tooth; cutting speed for cutting disks 75 - 150 m/min, for cylindric ones 40-75 m/min. The change in the size in consequence of the wear of the cutting disks was compensated by their axial displacement by a special device. - There are 5 figures.

E. Dymova

Translator's note: This is the full translation of the original Russian abstract.

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ZHARKOV, I. G.

ZHARKOV, I. G. --"High-Speed Cylindrical Milling." *(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Min of Culture USSR, Kiev Order of Lenin Polytechnic Inst, Kiev, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Doctor of Technical Sciences

PHASE I BOOK EXPLOITATION SOV/5040

Reznikov, Naum Iosifovich, Igor' Grigor'yevich Zharkov, Vladimir Mikhaylovich Zaytsev, Arkadiy Semenovich Kazarin, Boris Alekseyevich Kravchenko, and Fedor Prokof'yevich Uryvskiy

Proizvoditel'naya obrabotka nerzhaveyushchikh i zharoprochnykh materialov (Efficient Processing of Corrosion-and Heat-Resistant Materials) Moscow, Mashgiz, 1960. 198 p. Errata slip inserted. 7,000 copies printed.

Ed. (Title page): Naum Iosifovich Reznikov, Honored Scientist and Technologist RSFSR, Doctor of Technical Sciences, Professor; Ed. of Publishing House: A. F. Balandin; Tech. Ed.: V. D. El'kind; Managing Ed. for Literature on Metalworking and Machine-Tool Making: V. I. Mitin, Engineer.

PURPOSE: This book is intended for technical personnel and highly skilled workers in the metalworking industry.

COVERAGE: The authors discuss the general characteristics and classifications of modern corrosion-, scale-, and heat-resistant materials with

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regard to their machinability with cutting tools, and in particular with hard-alloy-tipped tools. Also examined are the processes of turning, cutting-off with single-point tools and saws, and the basic types of milling and drilling. Special attention is given to the use of liquid and gaseous coolants. No personalities are mentioned. There are 36 references: 33 Soviet and 3 English.

TABLE OF CONTENTS:

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1. The role of corrosion-, scale-, and heat-resistant materials in modern machine building 3

Ch. I. The Classification and Basic Properties of Corrosion-, Scale-, and Heat-Resistant Materials

2. General characteristics of corrosion-, scale-, and heat-resistant materials 5
3. The classification of corrosion-, scale-, and heat-resistant materials. Basic groups 5
8

ZHARKOV, I.G. (Assist.Prof.Cand.Tech.Sc.)

"Dimensional Milling of Hardened Steel (Study allowed in many instances to do away with finishing operations-grinding and trimming.)"

report presented at the 13th Scientific Technical Conference of the Kuybyshev Aviation Institute, March 1959.

ZHARKOV, S.N., inzh.; GLUSHIKHIN, F.P.

New device for the testing of anchor bolts. Gor.zhur. no.10: 28-30 O '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut, Leningrad.
(Mine roof bolting--Testing) (Hydraulic machinery)

ZHARKOV, I. N.

KORNIYENKO,P.M.; GLOZMAN,I.A.; ANDRYUKHI,I.Ya.; ZHARKOV,I.N.

Small-size clay slabs for wall facings. Rats. i izobr.predl. v stroi. no.108:24-25 '55. (MLRA 8:10)

(Walls)

ZHARKOV, I. V.

181 Prosteyshiye Nablyudeniya V Priode. (Posobiye Dlya Nablyudateley Zadovednikov). M., 1954 S. 20 SM. (Glav. Upr. Po. Zapovednikam I Okhotnich'emu Khozyaystuy M-va Sel'skogo Khozyaystua Sssr) 1.000 EKZ. Bespl.—Bibliogr: S.94—(54-54992)P

502.7 + (016.3)

SO: Knizhnaya, Letopis, Vol. 1, 1955

Dissertation: "Calculation of the Number of Ungulates in Preserves and the Hunting Economy of the USSR." Cand Biol Sci, Inst of Zoology, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk, Moscow, Jun 54)

SO: SUM 318, 23 Dec 1954

ZHARKOV, I.V.

Characteristics of summer feeding conditions of elk in the Zhiguli Mountains. Biul.MOIP. Otd.biol. 59 no.5:3-8 S-O '54.
(Zhiguli Mountains--Elk) (MLRA 8:1)

ZHARKOV, I.V.

Restoration and utilization of river beaver stocks in the U.S.S.R.
Biul.MOIP. Otd.biol. 61 no.6:124 N-D '56. (MIRA 10:8)
(BEAVERS)

ZHARKOV, I.V., kand. biol. nauk, red.

[Preserves of the U.S.S.R.] Zapovedniki SSSR. Moskva, 1964. 73 p. (MIRA 18:4)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye okhotnichego khozyaystva i zapovednikov. Byuro tekhnicheskoy informatsii.

ZHARKOV, I.V.

Eastern limit of the distribution of the subterranean vole Microtus (Pitymys) subterraneus Sel.-Long. Biul.MOIP.Otd.biol. 67 no.5:128-129 S-O '62. (MIRA 15:10)
(VORONEZH PRESERVE--FIELD MICE)

ZHARKOV, I.V.

Use of aircraft in numerical estimation of beaver colonies. Biul. MOIP. Otd. biol. 65 no.5:30-34 S-O '60. (MIRA 13:12)
(BEAVERS) (WILDLIFE CENSUS)
(AERONAUTICS IN SURVEYING)

ZHARKOV, I.V.

Methods applied in the U.S.A. for studying the role of ungulate animals in the forest. Soob.Inst.lesa no.13:111-117 '59.
(MIRA 13:2)

1. Voronezhskiy gosudarstvennyy zapovednik.
(Ungulata) (Forests and forestry)

ZHARKOV, I.V., kand. biol. nauk

Voronezh National Forest. Priroda 47 no.9:61-67 S '58.
(MIRA 11:9)
(Voronezh--National parks and reserves) (Beaver) (Deer)

SOV-26-58-9-10/42

AUTHOR: Zharkov, I.V., Candidate of Biological Sciences

TITLE: The Voronezh Reservation (Voronezhskiy zapovednik)

PERIODICAL: Priroda, 1958, Nr 9, pp 61-67 (USSR)

ABSTRACT: The Voronezh Reservation was developed from a beaver reservation established in 1922. In 1934, the area was expanded to a general reservation of 31,000 hectars. The beaver population of the reservation developed from 70 river beavers (Castor fiber L.) in 1923 to about 400 in 1934. Over the Soviet Union, there are now about 10,000 beavers which were reared in the Voronezh Reservation. L.S. Lavrov has summarized the practical work of the reservation and has written a directive on the capture and transportation of beavers. Zootechnical investigations and veterinary-parasitological studies are made at the reservation. The Leningradskiy veterinarnyy institut (Leningrad Veterinary Institute) developed successful vaccines against the paratyphoid fever of the beavers. In 1955, research on the chemical composition of natural beaver food was started. In 1957 a biochemical laboratory was opened with the assistance of the correspondent member of VASKhNIL Professor V.V. Koval'skiy, to analyze the nutritive, mineral

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and micro elements in the natural food of river beavers. The European deer (Cervus elaphus L.) is also studied in the Voronezh Reservation. Their number increased from about 30 in 1922 to 580 in 1952. P.A. Merts studied the ecology of the deer in 1951 and 1957. In 1950 wild boar and in 1952 elk appeared in the Reservation. Pine forest areas increased by 24% between 1937 and 1954. The Moskovskiy gosudarstvennyy universitet (Moscow State University) - Chair of Soil Science - is studying the entire biological circle of the nutritive elements in the forests of the reservation (Usmanskiy Bor) under the direction of Professor N.P. Remezov. The reservation has 8,000 to 10,000 annual visitors and many special installations, among them a large library and a natural museum. Students and researchers from Moscow, Leningrad, Voronezh and other large cities frequently work here. The reservation administration publishes an annual periodical called "Letopici prirody". There are 4 photos.

1. Animals--USSR 2. Beavers--Preservation

ZHARKOV, K., inzh.

Oil mill serving several collective farms. Sel'.stroi. 15 no.5:19-21 My '60. (MIRA 13:8)
(Sunflower seed oil)

ZHARKOV, K.V.; MERKULOV, L.G.; PIGULEVSKIY, Ye.D.

Attenuation of normal waves in a plate with free boundaries.
Akust. zhur. 10 no.2:163-166 '64. (MIRA 17:6)

1. Leningradskiy elektrotekhnicheskiy institut imeni V.I. Ul'yanova (Lenina).

DIANOV, D.B.; ZHARKOV, K.V.

Excitation of normal waves in plates by the oblique sound beam technique. Akust. zhur. 10 no.1:48-53 '64. (MIRA 17:5)

1. Leningradskiy elektrotekhnicheskiy institut Ul'yanova (Lenina), Leningrad.

SOV/46-5-3-15/32

25(6), 24(1)

AUTHORS: Verevkin, V.M., Yevdokimov, N.A., Zharkov, K.V. and Merkulov, L.G.

TITLE: An Ultrasonic Recording Flaw Detector for Metal Sheets (Ul'trazvukovaya ustanovka s zapis'yu izobrazheniy defektov v metallicheskikh listakh)

PERIODICAL: Akusticheskiy zhurnal, 1959, Vol 5, Nr 3, pp 364-366 (USSR)

ABSTRACT: The paper describes an ultrasonic flaw detector for quality control in rolling of sheets, developed at the Leningrad Electro-Technical Institute imeni V.I. Ul'yanov (Lenin). The detector (shown schematically in Fig 1) works on the shadow principle. The sheet KL, whose quality is controlled passes in water between an array of radiating vibrators IV and an array of receiving vibrators RV. Fig 1 shows for the sake of simplicity only nine pairs of vibrators; in the actual detector their number is considerably greater. Ultrasonic oscillators G, working at 1.3 Mc/s, feed certain groups of radiators. The receivers are also grouped and their signals are fed to amplifiers P. The image of the defect is recorded on heat-sensitive paper by means of a recorder ZU. The radiators are switched on consecutively by means of a synchronizer S which produces in this way an ultrasonic beam passing 50 times per second across the continuously moving metal sheet. If the beam meets a defect in the sheet a signal is produced at the output amplifying stage. A resolving device RU

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An Ultrasonic Recording Flaw Detector for Metal Sheets

(circuit in Fig 2) determines which pair or pairs of the vibrators are responsible for the signal (e.g. pairs 5, 6 and 7 in Fig 1). At the recording stage traces are produced which show the location and the extent of the flaw, as shown in Fig 3. The latter figure represents a pattern produced by a cleavage in a 40 mm thick metal sheet recorded by a detector with 64 vibrator pairs. The detector can be used to control the quality of sheets with comparatively rough surfaces immediately after rolling. The principle of the detector is in fact a new method of ultrasonic visualization and could, therefore, be used for purposes other than factory quality control. There are 3 figures.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im. V.I. Ul'yanova (Lenina).
(Leningrad Electro-Technical Institute imeni V.I. Ul'yanov (Lenin))

SUBMITTED: March 30, 1959

ACCESSION NR: AP4025729 S/0046/64/010/001/0048/0053

AUTHORS: Dianov, D. B.; Zharkov, K. V.

TITLE: Excitation of normal waves in plates by the method of an obliquely incident sound beam

SOURCE: Akusticheskiy zhurnal, v. 10, no. 1, 1964, 48-53

TOPIC TAGS: excitation, normal wave, sound beam, wave field, piston radiator, defect detection, wave propagation, plane wave, Fourier transform, Bessel function

ABSTRACT: The authors compute the wave field formed in a plate by impinging on it a sound beam created by a piston radiator. They obtain asymptotic formulas determining the direction of the normal waves and the dependence of their amplitude on the angle of inclination of the radiator. The computational results are experimentally verified. This problem is of interest in defect detection. Orig. art. has: 3 figures and 16 formulas.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im V. I. Ul'yanova

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ACCESSION NR: AP4025729

(Lenina) Leningrad (Leningrad Electro-Technical Institute)

SUBMITTED: 08Apr63 DATE ACQ: 10Apr64 ENCL: 00

SUB CODE: PH NO REF SOV: 001 OTHER: 002

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28(5) SOV/32-25-4-39/71

AUTHORS: Verevkin, V. M., Zharkov, K. V.

TITLE: Ultrasonic Immersion-crack Automatic Detector (Ul'trazvukovoy immersionnyy defektoskop-avtomat)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 4, pp 475-477 (USSR)

ABSTRACT: An automatic device for sorting out defective piston rings was designed. It consists of the crack detector and the sorting mechanism (Fig 1) with a relay scheme. With corresponding modifications, the sorting mechanism of the described device can also be used for testing other articles. The defective object passes a test course with 4 stages while the test of faultless products is interrupted at the third stage. The working principle of the device is as follows: The object to be tested is received by a device in form of a Maltese cross (1st stage), is held by an electromagnet on a control table and tested by the piezoelectric vibrator of the crack detector by means of ultrasonic impulses (2nd stage). In the 3rd stage, the cross is turned with the sample to an opening in which the faultless articles drop. If the object has a fault, the ultrasonic impulse is reflected; this operates an electromagnet above the opening which holds the object and makes it go to the next

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Ultrasonic Immersion-crack Automatic Detector

opening for defective products. A schematic sketch of the arrangement of the device is given (Fig 2). It is mentioned as a peculiarity that the so-called "immersion method" is applied, i.e. a liquid layer, between the vibrator and the article to be tested, which secures a constant acoustic contact and facilitates the exchange of the articles. On metallic objects with a coarse-grained structure and rough-machined surfaces, defects of about 0.1 mm^2 can be observed. The X-ray picture of two piston rings (Fig 3a) and of an impulse of the control beam tube (Fig 3b) are given as examples; the existing defects can be better observed in the latter. There are 3 figures.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im. V. I. Ul'yanova-Lenina (Leningrad Electro Engineering Institute imeni V. I. Ul'-yanov-Lenin)

ZHARKOV, M., Eng.

Municipal Engineering - Standards

Strict observance of government standards. Zhil. -kom. khoz. 2 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952 UNCLASSIFIED

ZHARKOV, M. A.: Master Geolog-Mineralog Sci (diss) -- "The geological structure and outlook for oil and gas in the southwestern portion of the Siberian platform and the Rybinsk depression". Irkutsk, 1958. 19 pp (Irkutsk State U im A. A. Zhdanov), 120 copies (KL, No 13, 1959, 102)

ZHARKOV,M.A., Cand Geol-Min Sci--(disc) " Geological structure and ~~perspectives of the~~ petroleum-and gas-bearing ~~quality~~ prospects of the southwest part of the Siberian plateau and the Rybinskaya ~~hollow.~~ depression." Irkutsk, 1958. 20 pp (Irkutsk State U im A.A.Zhdanov), 120 copies (KL,49-58, 121)

ZHARKOV, M.A.; YANSHIN, A.L.

Seminar on the exploration, prospecting, and study of potassium salt deposits. Geol. i geofiz. no.9:132-134 '64. (MIRA 18:7)

ZHARKOV, M.A.; CHECHEL', E.I.

Cambrian sediments of the middle and lower Kirenga River. Dokl. AN SSSR 149 no.4:922-924 Ap '63. (MIRA 16:3)

1. Irkutskoye geologicheskoye upravleniye. Predstavleno akademikom A.L.Yanshinym.
(Kirenga Valley--Geology, Stratigraphic)

BELYAYEV, A.P., red.; BESSOLITSYN, Ye.P., red.; BLINNIKOV, I.I., red.; DZINKAS, Yu.K., red.; ZHARKOV, M.A., red.; KOROVIN, A.V., red.; KUR'YANOV, F.K., red.; MANDEL'BAUM, M.M., red.; NALETOV, P.I., red.; RYABENKO, V.Ye., red.; SAVINSKIY, K.A., red.; SERD, A.I., red.; SEMENYUK, V.D., red.; TUMOL'SKIY, L.M., red.; TIKHONOV, V.L., red.; TROFIMUK, P.I., red.; TOMILOVSKAYA, M.V., red.; FOMIN, N.I., red.BEKMAN, Yu.K., ved. red.

[Recent data on the geology, petroleum potentials, and mineral resources of Irkutsk Province] Novye dannye po geologii, neftenosnosti i polezmym iskopaemym Irkutskoi oblasti. Moskva, Nedra, 1964. 278 p. (MIRA 17:8)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye geologii i okhrany nedr. Irkutskoye geologicheskoye upravleniye.

MIKOYAN, A.I.; MARINENKO, A.Ya., inzh.; RAPPOPORT, A.M., inzh.; SLEPNEV, K.V., inzh.; SYROVOY, P.Ye., inzh.. Prinimali uchastiye: BORODIN, D.D., inzh.; ZHARKOV, M.A., inzh.; SHIPUNOV, B.G., inzh.; KURAKOV, V.Ya., tekhnik. STRAKHOV, L.G., otv.red.; KOMPANTSEV, N.N., otv.red.; KRASIL'NIKOV, S.D., red.; ZUDAKIN, I.M., tekhn.red.

[The MIG-17PF and MIG-17F airplanes; instructions for operation and maintenance] Samolety MiG-17PF i MiG-17F; instruktsiia po tekhnicheskoi ekspluatatsii i obsluzhivaniiu. Moskva, Gos.izd-vo obor.promyshl., 1957. 143 p. diagrs.

1. Russia (1923- U.S.S.R.) Ministerstvo oborony. (Fighter planes) (Jet planes, Military)

ZHARKOV, M.A.; NOVOSPASSKIY, V.V., redaktor; RAKOV, S.I., tekhnicheskiy redaktor

[In the Altai] Po Altsiu. [Tekst M.A.Zharkova, red. V.V.Novospasskii. Moskva, Izd-vo VTsSPS "Profizdat," 1954. 11 p.] illus.
(MLRA 8:6)

(Altai Territory--Description and travel--Guidebooks)

TKALICH, S.M.; MINEYEV, I.K., glavnyy red.; RYABENKO, V.Ye., zam. glavnogo red.; TUMOL'SKIY, L.M., zam. glavnogo red.; KUR'YANOV, F.K., otv. zav vypusk; BASSOLITSYN, Ye.P., red.; BLINNIKOV, I.I., red.; DAUKSHO, Yu.Ye., red.; DZINKAS, Yu.K., red.; ZHARKOV, M.A., red.; ZAVALISHIN, M.A., red.; MANDEL'BAUM, M.M., red.; MATS, V.D., red.; MALETOV, P.I. red.; NOMOKONOVA, N., red.; NOSEK, A.V., red.; SERD, A.I., red.; SEMENYUK, V.D., red.; TAYEVSKIY, V.M., red.; TIKHONOV, V.L., red.; TROFIMUK, I.N., red.; TOMILOVSKAYA, M.V., red.; FOMIN, N.I., red.; SHAMES, P.I., red.; TROSHANIN, Ye.I., tekhn. red.

[Biogeochemical anomalies and their interpretation.] Biogeokhimicheskie anomalii i ikh interpretatsiia. Irkutsk, 1961. 39 p. (Materialy po geologii i poleznym iskopaemym Irkutskoi oblasti no.3). (MIRA 17:1)

ZHARKOV, M.A.; CHECHEL', E.I.

Late Pre-Cambrian and Cambrian sediments in the Chay basin (western slope of the North Baikal highland). Dokl. AN SSSR 159 no.1:85-88 N '64. (MIRA 17:12)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom A.L. Yanshinym.

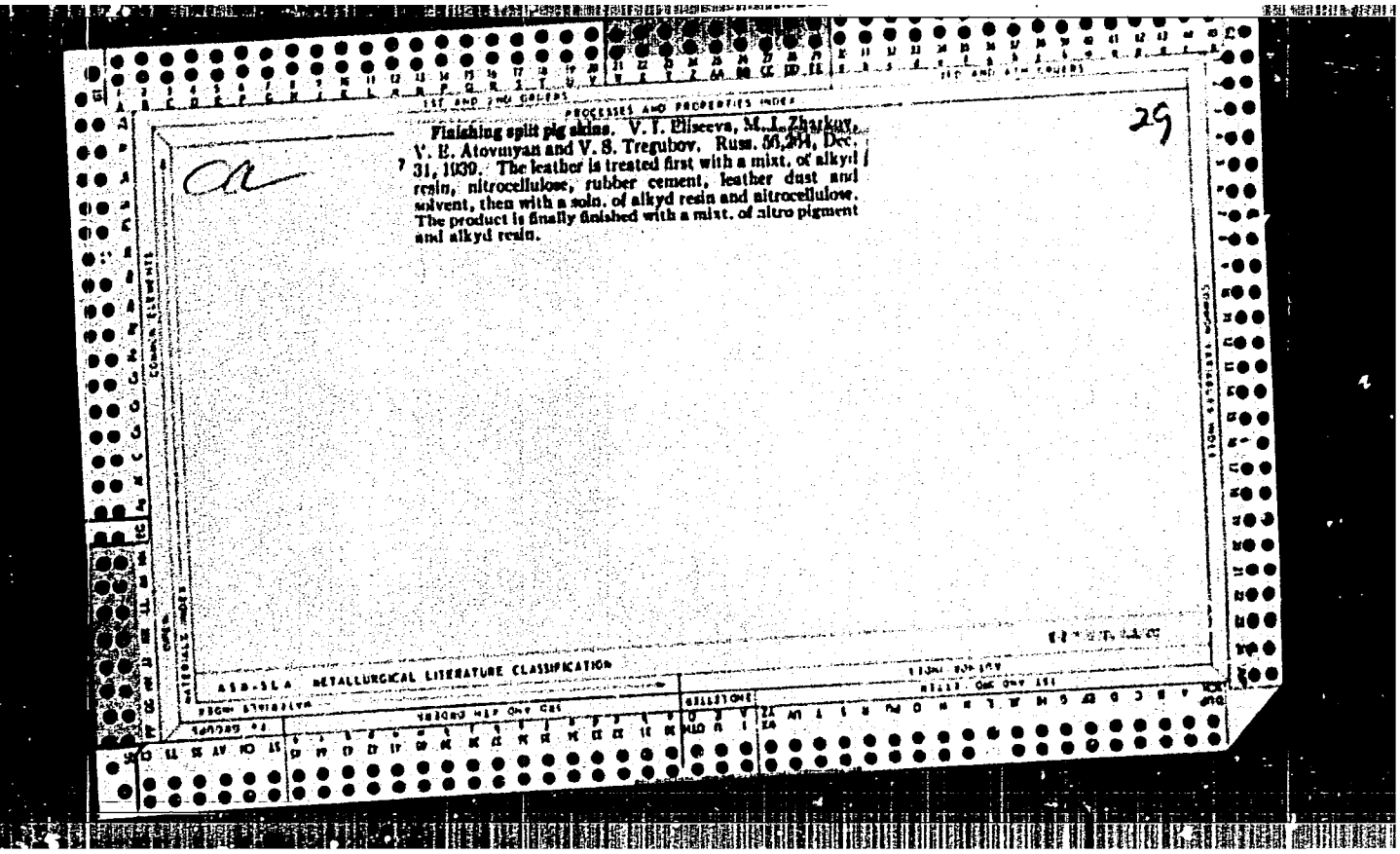
ZHARKOV, M.A.; YANSHIN, A.L.

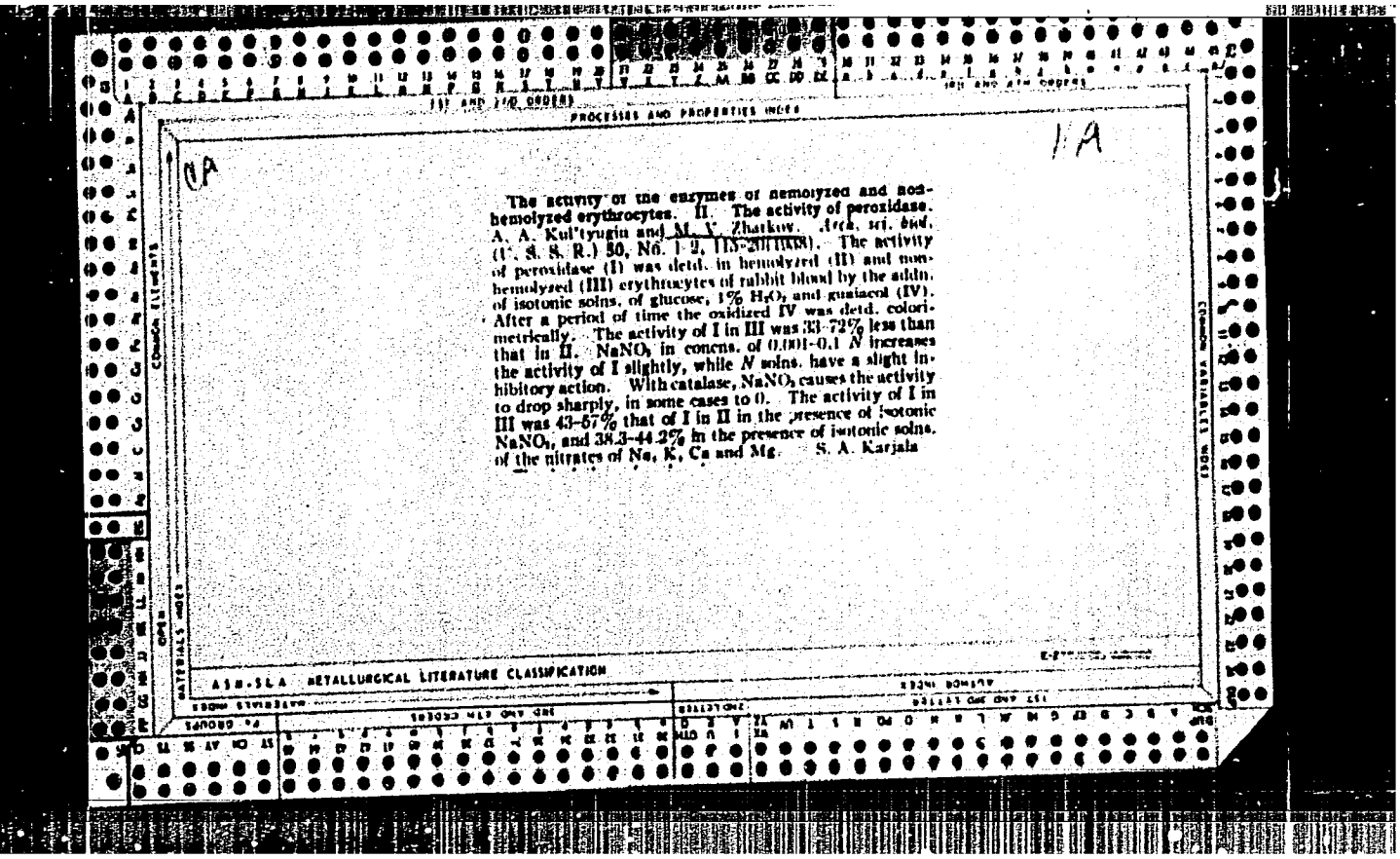
Conference on the results and direction of prospecting for potassium salts in Eastern Siberia. Geol. i geofiz. no.10:144-149 '65. (MIRA 18:12)

YANSHIN, A.L., akademik, otv. red.; ZHARKOV, M.A., kand. geol.-min. nauk, red.; ZAMARAYEV, S.M., kand. geol.-miner. nauk, red.; ODINTSOV, M.M., red.; PINNEKER, Ye.V., kand. geol.-miner. nauk, red.; MOSSAKOVSKIY, A.A., red.

[Tectonics of the southern part of the Siberian Platform and prospects for finding potassium in it] Tektonika iuga Sibirskoi platformy i perspektivy ee kalienosnosti. Moskva, Nauka, 1965. 177 p. (MIRA 18:11)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut zemnoy kory. 2. Chlen-korrespondent AN SSSR (for Odintsov).



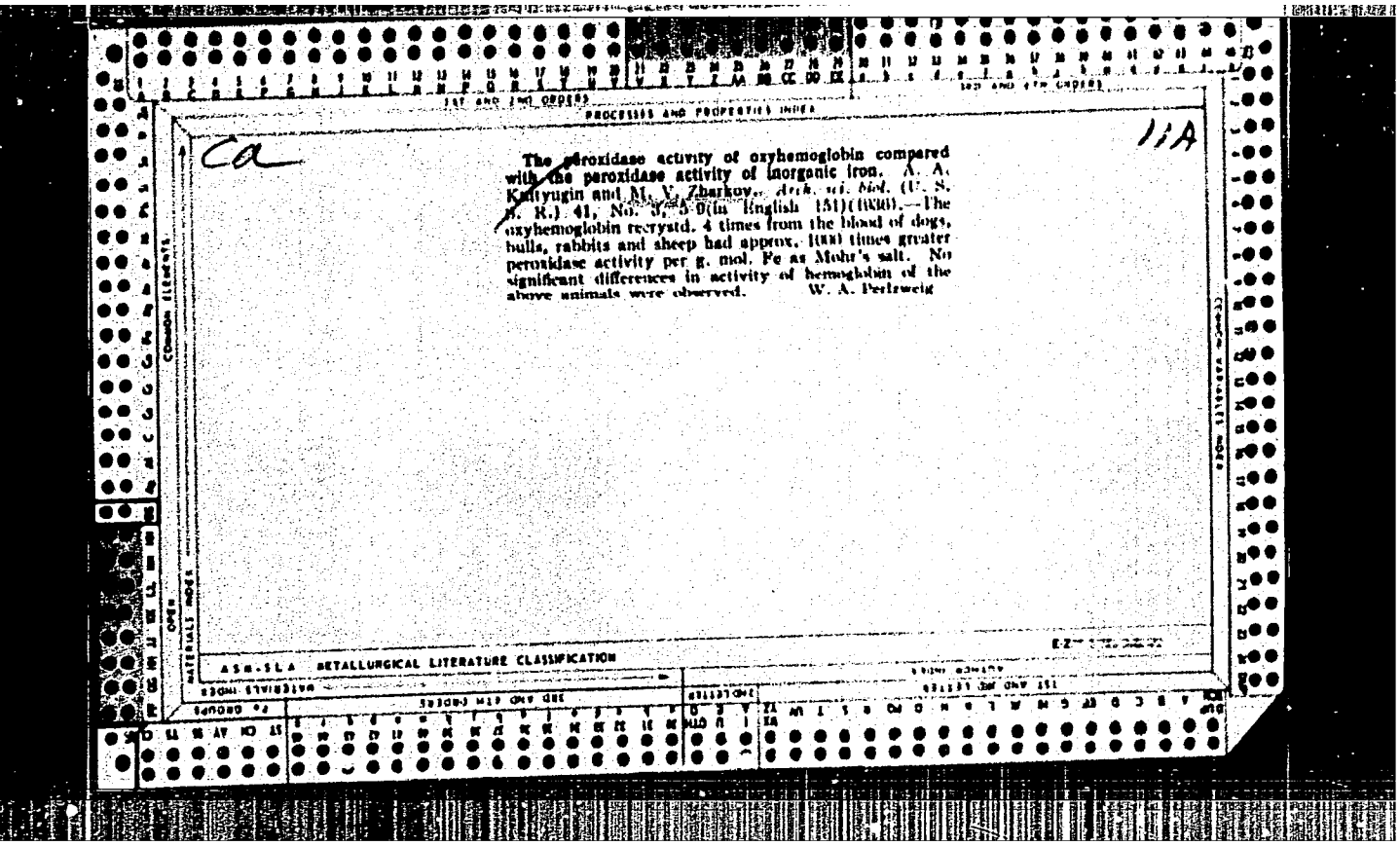


PROCESSES AND PROPERTIES INDEX

1A

The activity of the enzymes of hemolyzed and nonhemolyzed erythrocytes. II. The activity of peroxidase. A. A. Kul'tyugin and M. V. Zhatkov. Arch. sci. biol. (U. S. S. R.) 50, No. 1-2, 115-20 (1938). The activity of peroxidase (I) was detd. in hemolyzed (II) and nonhemolyzed (III) erythrocytes of rabbit blood by the addn. of isotonic solns. of glucose, 1% H_2O_2, and guaiacol (IV). After a period of time the oxidized IV was detd. colorimetrically. The activity of I in III was 33–72% less than that in II. $NaNO_3$ in concns. of 0.001–0.1 *N* increases the activity of I slightly, while *N* solns. have a slight inhibitory action. With catalase, $NaNO_3$ causes the activity to drop sharply, in some cases to 0. The activity of I in III was 43–67% that of I in II in the presence of isotonic $NaNO_3$, and 38.3–44.2% in the presence of isotonic solns. of the nitrates of Na, K, Ca and Mg. S. A. Karjala

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

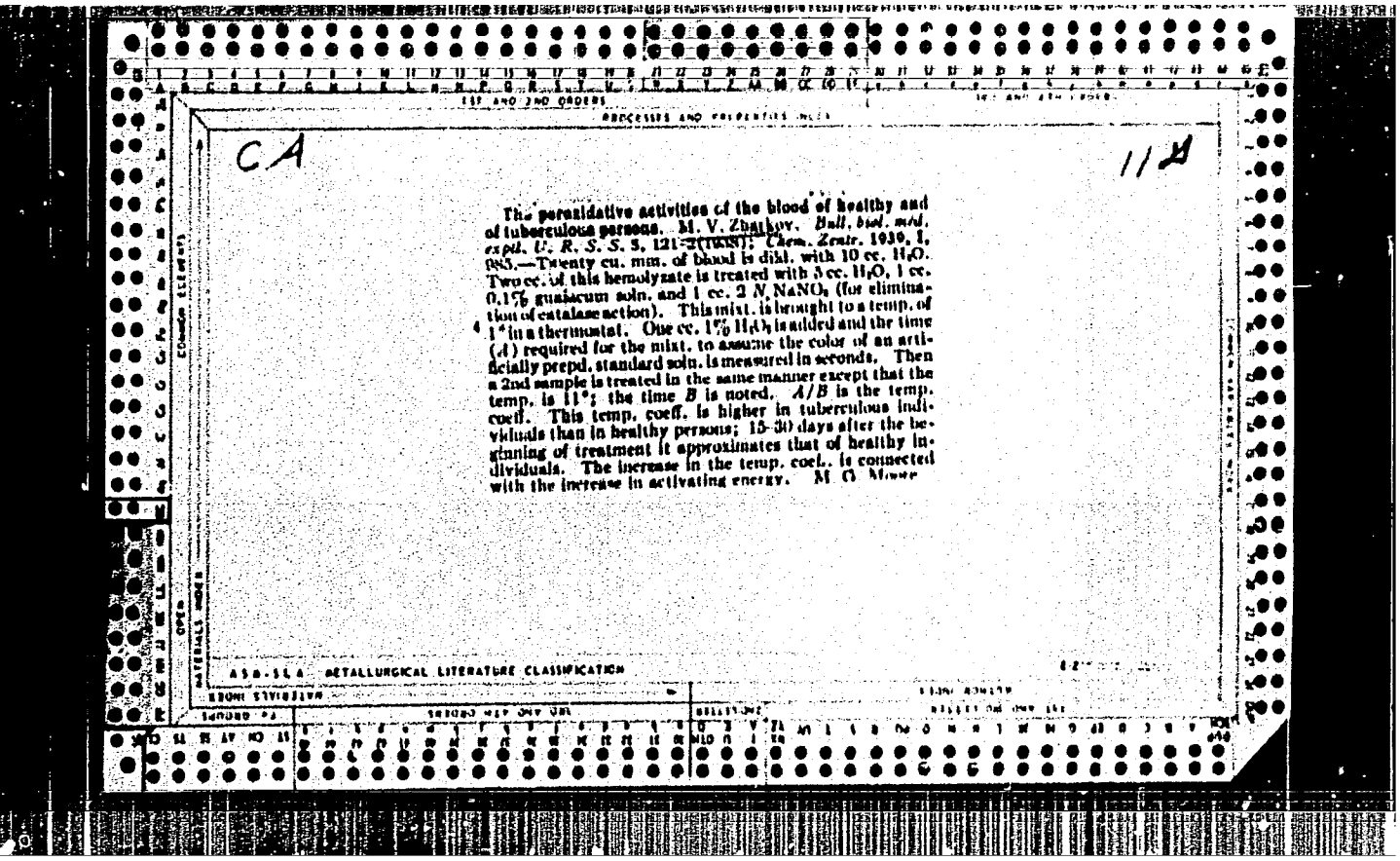


Ca

11A

The peroxidase activity of oxyhemoglobin compared with the peroxidase activity of inorganic iron. A. A. Kaltyugin and M. V. Zharkov. *Doklady Akad. Nauk SSSR* (U. S. S. R.) 41, No. 3, 130 (in English 131) (1943).—The oxyhemoglobin recryst. 4 times from the blood of dogs, bulls, rabbits and sheep had approx. 1000 times greater peroxidase activity per g. mol. Fe as Mohr's salt. No significant differences in activity of hemoglobin of the above animals were observed. W. A. Perlzweig

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



CA

11 4

The peroxidative activities of the blood of healthy and of tuberculous persons. M. V. Zhukov. *Bull. biol. med. exptl. U. R. S. S.* 5, 121-2(1938); *Chem. Zentr.* 1939, I, 985.—Twenty cu. mm. of blood is dild. with 10 cc. H_2O. Two cc. of this hemolyzate is treated with 5 cc. H_2O, 1 cc. 0.1% guaiacum soln. and 1 cc. 2 *N* $NaNO_3$ (for elimination of catalase action). This mixt. is brought to a temp. of 1° in a thermostat. One cc. 1% H_2O_2 is added and the time (*A*) required for the mixt. to assume the color of an artificially prepd. standard soln. is measured in seconds. Then a 2nd sample is treated in the same manner except that the temp. is 11°; the time *B* is noted. *A*/*B* is the temp. coeff. This temp. coeff. is higher in tuberculous individuals than in healthy persons; 15-30 days after the beginning of treatment it approximates that of healthy individuals. The increase in the temp. coeff. is connected with the increase in activating energy. M. G. Mower

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

KUZ'MIN, G.P.; ZHARKOV, M.M., nauchnyy sotrudnik; ZHUKOV, B.A., nauchnyy sotrudnik; KLIMOV, N.A., nauchnyy sotrudnik; LEONT'YEV, V.N., nauchnyy sotrudnik; FEDYANIN, A.S., nauchnyy sotrudnik

Testing the combined chamber-shield method for mining thick steep coal seams in the "Taybinskaya" Mine. Ugol' 34 no.9:46-50 S '59. (MIRA 12:12)

1.Glavnyy inzhener tresta Kiselevskugol' Kuznetskiy basseyn (for Kuz'min). 2.Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for all except Kuz'min).
(Kuznetsk Basin--Coal mines and mining)

ZHARKOV, M.M.

Using the shield method of mining in the Bulgarian People's Republic. Trudy Inst. gor. dela Sib. otd. AN SSSR no.3:11-20 '60. (MIRA 14:4)

(Bulgaria--Mining engineering)

ZHARKOV, M.M.; ORESHKIN, A.N.; ZVORYGIN, L.V.

Industrial testing of a doubled, solid shield with a protective fore, support in hydraulic mining conditions. Trudy Inst. gor. dela Sib. otd. AN SSSR no.5:3-16 '64. (MIRA 17:11)

L 8958-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5026529 SOURCE CODE: UR/0286/65/000/019/0070/0070

AUTHORS: Yeliseyeva, V. I.; Il'ichov, G. I.; Karpeyev, Ye. F.; Metelkin, A. I.; Zharkov, M. N.; Petrova, S. A.; Ionova, N. I.; Gorina, F. A.; Khandoshko, Ye. N.; Zurabyan, K. M.; Loseva, V. A.; Morgulis, I. A.; Arkhangel'skaya, A. P.; Kryuchkova, M. P.

58
13

ORG: none

TITLE: Method for obtaining film-forming materials and impregnating materials for trimming and filling of natural and artificial leather Class 39, No. 175227

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 70

TOPIC TAGS: leather, polymer, protein, vinyl plastic, acrylic plastic

ABSTRACT: This Author Certificate presents a method for obtaining film-forming and impregnating materials for trimming and filling of natural and artificial leather by modification of vinyl, for instance, acrylic and methacrylic monomers by means of proteins. To increase the thermal, acetone, and water stability of coatings and the durability and filling of the material structure, the starting monomers are emulsified in an aqueous protein solution. The emulsification is followed by

UDC: 678.744.32-416
677.862.524-1

Card 1/2

2

L 8958-66

ACC NR: AP5026529

polymerization in the presence of oxidation-reduction initiating systems.

SUB CODE: 07/ SUBM DATE: 09Feb62

BVK

Card 2/2

SHARPENAK, A.E., SHISHOVA, O.A., GOROZHANKINA, L.A., ZHARKOV, M.V.

Effect of insufficient and excessive histidine content of food on certain metabolic processes and functions of the organism. [with summary in English]. Vop.pit. 17 no.4:30-35 Je-Ag'58 (MIRA 11:7)

1. Iz laboratorii biokhimii (zav. - prof. A.E. Sharpenak) i laboratorii vysshey nervnoy deyatel'nosti (zav. - prof. A.I. Makarychev) Instituta pitaniya AMN SSSR, Moskva.
(HISTIDINE, effects,
dietary excess & insuff., on metab. & funct. of organism (Rus))

SHARPENAK, A.E., SHISHOVA, O.A., GOROZHANKINA, L.A., ZHARKOV, M.V.

Effect of insufficient and excessive histidine content of food on certain metabolic processes and functions of the organism. [with summary in English]. Vop.pit. 17 no.4:30-35 Je-Ag'58 (MIRA 11:7)

1. Iz laboratorii biokhimii (zav. - prof. A.E. Sharpenak) i laboratorii vysshey nervnoy deyatel'nosti (zav. - prof. A.I. Makarychev) Instituta pitaniya AMN SSSR, Moskva.
(HISTIDINE, effects, dietary excess & insuff., on metab. & funct. of organism (Rus))

ZHARKO, N., agronom

Creative workdays. Zemledelie 26 no.5:84-88 My '64.
(MIRA 17:6)

1. Kolkhoz "Rassvet" Novogrudskogo proizvodstvennogo upravleniya Belorusskoy SSR.

ZHARKOV, N., (g. Tulun Irkutskoy oblasti).

Insurmontable barrier. Sots. trud no.7:136-137 Jl '57. (MLRA 10:8)
(Wages) (Tulun--Sawmills)

ZHARKOV, Nikolay Danilovich; TUKTAYEV, Igor' Izmaylovich, kand. tekhn. nauk

Study of the mechanical strength of the collectors of small electrical machines. Izv. vys. ucheb. zav.; elektromekh. 5 no.11:1311-1316 '62. (MIRA 16:1)

1. Vedushchiye konstruktory filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta elektromekhaniki.

(Electric machinery) (Commutation(Electricity))

ZHARKOV, N.M., inzh.

Water-resistant insulator lubricants for use in districts with air pollution. Vest. elektroprom. 33 no.8:69-71 Ag '62. (MIRA 15:7)
(Electric insulators and insulation)

ZHARKOV, N.M.

AUTHOR: Zharkov, N.M., Engineer. 110-3-15/22

TITLE: A Method of Accelerating the Hardening of Cementing on Porcelain Insulators (Sposob uskorennogo otverzhdeniya tsementnykh svyazok farforovykh izolyatorov)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Vol.29, No.3, pp. 64 - 66 (USSR)

ABSTRACT: Metal fittings are applied to porcelain insulators with Portland cement. The main disadvantages of this procedure is the long time required for the cement to harden. It is usually considered that insulators can be tested and transported on the 3rd or 4th day after cementing. The actual strength of the cementing in compression may be greater than might appear from the results of tests on standard cubes and the strength of cement test pieces depends very greatly on the ratio of the height to the area of the specimens. Table 1 gives the results of compression tests on cement specimens with various values of this ratio. Mechanical tests on insulators show that if the cement is good and the fitting correctly applied, the cement very rarely breaks - it is usually the porcelain that breaks. Therefore, it is not necessary to make the cement very strong. The All-Union Electro-technical Institute has found a way of

Cardl/3 hardening cement in high-voltage porcelain insulators which

A Method of Accelerating the Hardening of Cementing on Porcelain Insulators.

gives in four or five hours a strength that normally takes several days to acquire. Test specimens were made up with a minimum quantity of water, using calcium chloride as an accelerator, and hardened in an oven at 100 °C. No cracking was observed in 1 000 specimens. It was found best not to raise the temperature of the specimens too quickly. After four hours hardening under thermostatic control the cement had 60 - 70% of the strength in compression of a sample hardened for a month under water. If the cement is left longer in the oven, the strength increases up to a period of 12 hours, as will be seen from Table 2. Samples hardened in the oven strengthen normally on storage in air. Tests results that confirm this are given in Table 3.

Samples hardened in the thermostat were subjected to temperature cycling from 125 - 20 °C. Small cracks began to appear after 12 cycles but the results given in Table 4 show that they had not much influence on the strength. A study was made of the change in shape of cementing during accelerated hardening, with the results shown in Table 5. Gypsum and sulphuric acid additives noticeably increase the swelling of samples hardened in water. Similar additions have no influence on the swelling

A Method of Accelerating the Hardening of Cementing on Porcelain Insulators

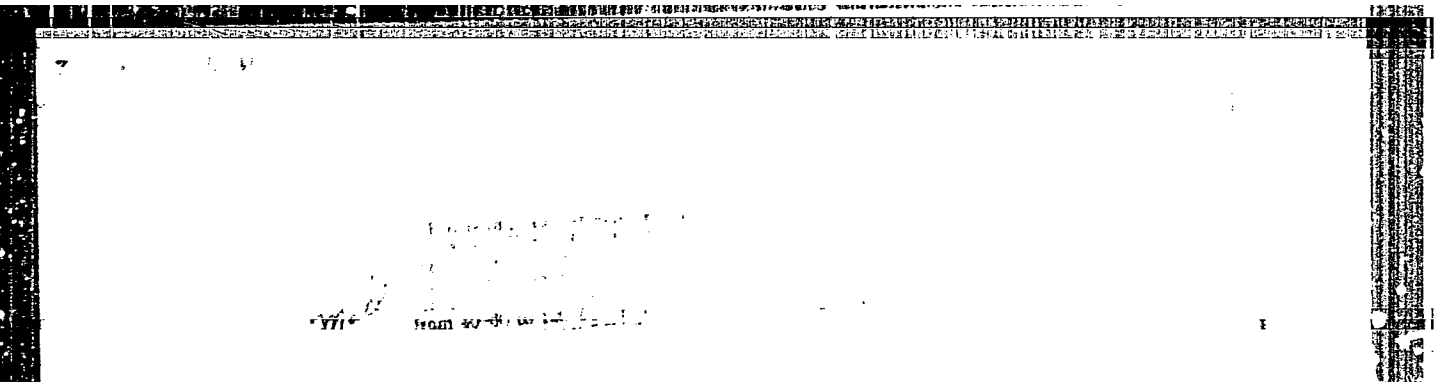
after accelerated hardening. By vibrating the sample with additives the swelling after oven-hardening is much reduced. The accelerated method of hardening cement joints was applied to the manufacture of post-insulators, type OA-6. After four hours in the oven and cooling for an hour, the insulators were ready for test. Bending tests gave the results seen in Fig. 6 and indicate that insulators made in this way are quite as strong as those made by prolonged hardening under water. In all cases, it was the porcelain that broke; equally successful tests were made on other types of insulators. Table 7 gives an idea of test results on string-type insulators after accelerated hardening. The insulators were quite up to standard. The use of calcium chloride or sulphuric acid does not cause corrosion of the metal fittings. The acid is completely neutralised by alkali that is formed during the reaction between cement and water.
There are 7 figures.

ASSOCIATION: All-Union Electro-technical Institute (Vsesoyuznyy elektro-tekhnicheskiy institut)

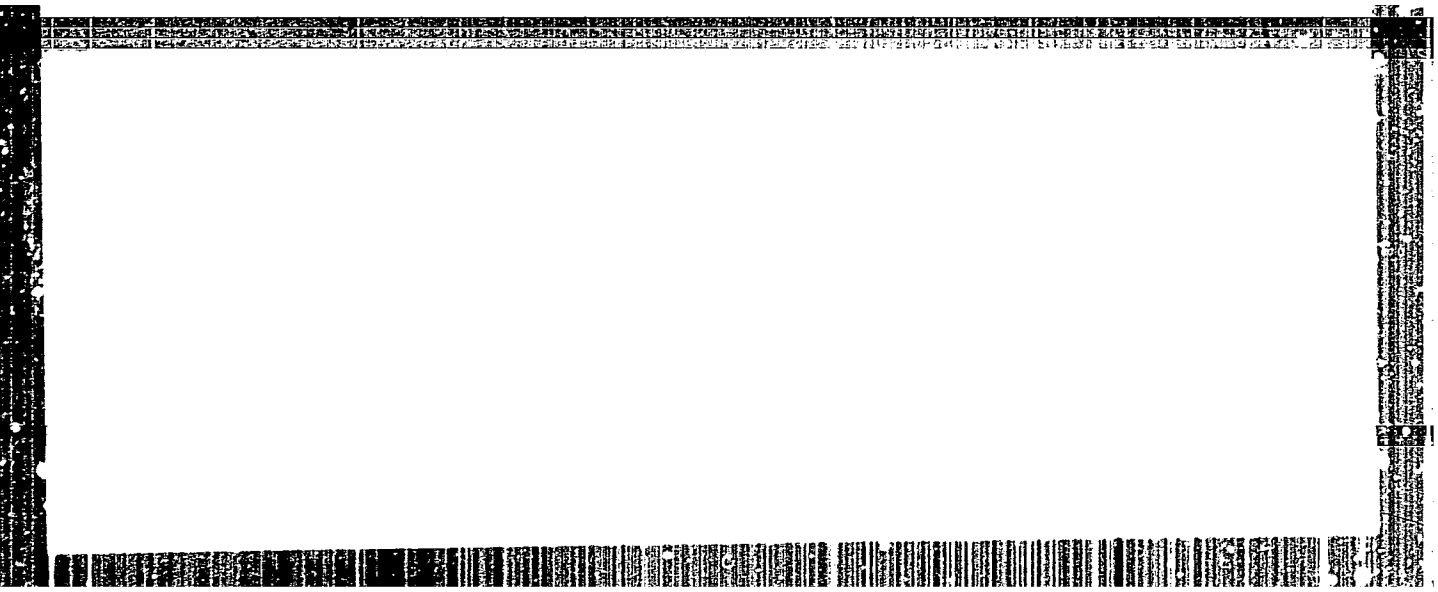
Card3/3

AVAILABLE: Library of Congress

1. Cement 2. Insulators-Test methods 3. Insulators-Test results



APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064610001-1"



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ZHAROV, N.T.

S.U.P.-1 and S.U.D.-1 level indicators. Lit. proizv. no.1:40 Ja '62. (MIRA 16:8)

(Level indicators)

9(2)

SOV/112-59-4-8208

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 260 (USSR)

AUTHOR: Zharkov, P.

TITLE: Modernizing 1GD-9 and 2GD-3 Dynamic Speakers

PERIODICAL: Za industr. Ryazan'. Byul. tekhn.-ekon. inform., 1958, Nr 4, pp 26-27

ABSTRACT: The design of the diffuser holder and fastening of contact lugs of the 1GD-9 speaker have been altered. The new design has 2-3 times as much cone-shape (?). The old diffuser holder design required 9 manufacturing operations, the new design, 6. Labor productivity increased 1.6 times. The lugs were fastened by means of aluminum rivets; in the new design, each lug is fastened directly to the shock absorber and does not require complicated devices. Lead solders are shifted off the moving system which is more convenient for assembling. Lead length was cut by 15 mm in the 1GD-9 speaker and by 20 mm in the 2GD-3 speaker which resulted in a saving on ATSDI wire of 42,000 rubles' worth per year. The total annual saving from modernization is 766,000 rubles.

Card 1/1

N. Ya. K.

ZHARKOV, P., podpolkovnik, kand. istoricheskikh nauk.

"Break through a prepared defense line by rifle units; experience of the Great Patriotic War 1941-1945." Reviewed by P. Zharkov. Voen. vest. 37 no.11:87-91 N '57. (MIRA 11:1)

(Attack and defense (Military science))

ZHARKOV, P.

Encouraging results. Prom.koop. 13 no.9:36 S '59.
(MIRA 13:1)

1. Sekretar' partorganizatsii zagotovitel'noy kontory Glavvtorsyr'ye g.Biysk, Altayskogo kraya.
(Salvage (Waste, etc.)

GOLOVITSYN, Yuriy Kuz'mich; ZHARKOV, Petr Aleksandrovich, starshiy inzh.; SLAVNITSKAYA, N.N., red.; AZOVKIN, N.G., tekhn. red.

[Progressive procedures should be adopted in founding]Liteinomu proizvodstvu - progressivnuiu tekhnologiiu. Riazan', Riazanskoe knizhnoe izd-vo, 1962. 32 p. (MIRA 15:12)

1. Glavnyy metallurg upravleniya mashinostroitel'noi i radiotekhnicheskoy promyshlennosti Ryazanskogo sovnarkhoza (for Golovitsyn). 2. Upravleniye mashinostroitel'noy i radiotekhnicheskoy promyshlennosti Ryazanskogo sovnarkhoza (for Zharkov). (Founding)

ZHARKOV, P.L.

Method for the tomographic study of the spine in tuberculous spondylitis. Vest. rent. i rad. 36 no.6:57-58 N-D '61. (MIRA 15:2)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta khirurgicheskogo tuberkuleza (dir. - prof. D.K.Khokhlov, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. P.G.Kornev, nauchnyy rukovoditel' raboty - deystvitel'nyy chlen AMN SSSR prof. G.A.Zedgenidze).
(SPINE--TUBERCULOSIS)

ZHARKOV, P.L.

Measures for reducing the irradiation of patients during spinal radiography. Vestn. rentgen. i radiol. 38 no.4: 64-66 Jl-Ag'63 (MIRA 17:2)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta khirurgicheskogo tuberkuleza (dir. - doktor med. nauk D.K. Khokhlov, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. P.G.Kornev).

ZHARKOV, P.L.

Case of partial aseptic necrosis of the capitulum humeri. Vest. rent. i rad. 39 no.4:67 Jl-Ag '64. (MIRA 18:7)

1. Rentgenovskoye otdeleniye (rukovoditel' - prof. V.P. Gratsianskiy [deceased]) Leningradskogo instituta khirurgicheskogo tuberkuleza (nauchnyy rukovoditel - deystvitel'nyy chlen AMN SSSR prof. P.G.Kornev).

ZHARKOV, P. L. (Leningrad, TSentr, pl. Truda, d. 3, kv. 33)

Importance of tomographic examination in tuberculous spondylitis. Ortop., travm. i protez. no.3:45-48 '62. (MIRA 15:6)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta khirurgicheskogo tuberkuleza (dir. - D. K. Khokhlov, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. P. G. Kornev.

(SPINE--TUBERCULOSIS)
(SPINE--RADIOGRAPHY)

LEPIKHIN, L.A., inzh.; Prinimali uchastiye: STEFANOVICH, M.A., doktor tekhn.nauk; BABARYKIN, N.N., kand.tekhn.nauk; NEYASOV, A.G., kand.tekhn.nauk; SHPARBER, L.Ya., inzh.; BOGDANOV, V.V., inzh.; ZHARKOV, P.N., master pechi; PANIN, O.G., master pechi; FEDOTOV, V.O., master pechi; FEOFANOV, N.M., master pechi; SAGAYDAK, I.I., inzh., rukovoditel'raboty

Evaluating the effect of various methods of charging a blast furnace on the state of the gas flow in its upper part. Stal' 23 no. 3:198-204 Mr '64. (MIRA 17:5)

1. Magnitogorskiy metallurgicheskiy kombinat (for Lepikhin).

ZHARKOV, R. SH., Cand of Agr-Sci --- (diss) "Raising Pedigreed Bulls in the Warm Climate Conditions of the Vakhshskaya valley of Tadzhik SSR,"

Stalinabad, 1959, 19 pp (Acad Sci Tadzhik SSR. Division of Agriculture and Biological Sciences) (KL, 6-60, 124)

USSR/Farm Animals - Cattle. Q-2

Abs Jour : Ref Zhur - Biol., No 1, 1959, 2095

Author : Zharkov, R.Sh.
Inst : -
Title : Raising Pedigreed Bull Calves in the Valdish Valley

Orig Pub : Khodzhagii gishlogi Tadzhikiston, 1957, No 12, 14-17;
S. kh. Tadzhikistana, 1957, No 12, 17-20.

Abstract : No abstract.

Card 1/1

ZHARKOV, R.Sh.; OTVNETS, R.N.

Raising young herd bulls. Izv. AN Kir. SSR no.5:89-106 '58.
(MIRA 11:7)

(Kirghizistan--Bulls)

ZHARKOV, S.

Activity of our student work group. Politekh. obuch. no.10:89-90
O '58. (MIRA 11:11)

1. Souskanikhinskaya srednyaya shkola Srostinskogo rayona Altayskogo kraya.
(Agriculture--Study and teaching) (Field work(Educational method))

ZHARKOV, S. (Orekhovo-Zuyevo)

Home delivery of food. Obshchestv.pit. no.2:6-8 '57. (MIRA 11:4)
(Orekhovo-Zuyevo - Restaurants, lunchrooms, etc.)

ZHANKOV, Sergei Nikolaevich, 1883-

A work-book in meteorology. vyp. 1- Moskva, Gosl izd-vo, 1928-

Uchebniki i uchebnye posobiia dlia shkol I i II stupeni.

ZHARKOV, S.

Our editor has received a letter. Sov.potreb.koop. 5 no.8:19-21 Ag '61. (MIRA 14:7)

1. Spetsial'nyy korrespondent zhurnala "Sovetskaya potrebitel'skaya kooperatsiya".
(Vilcha (Gomel Province)—Cooperative societies)

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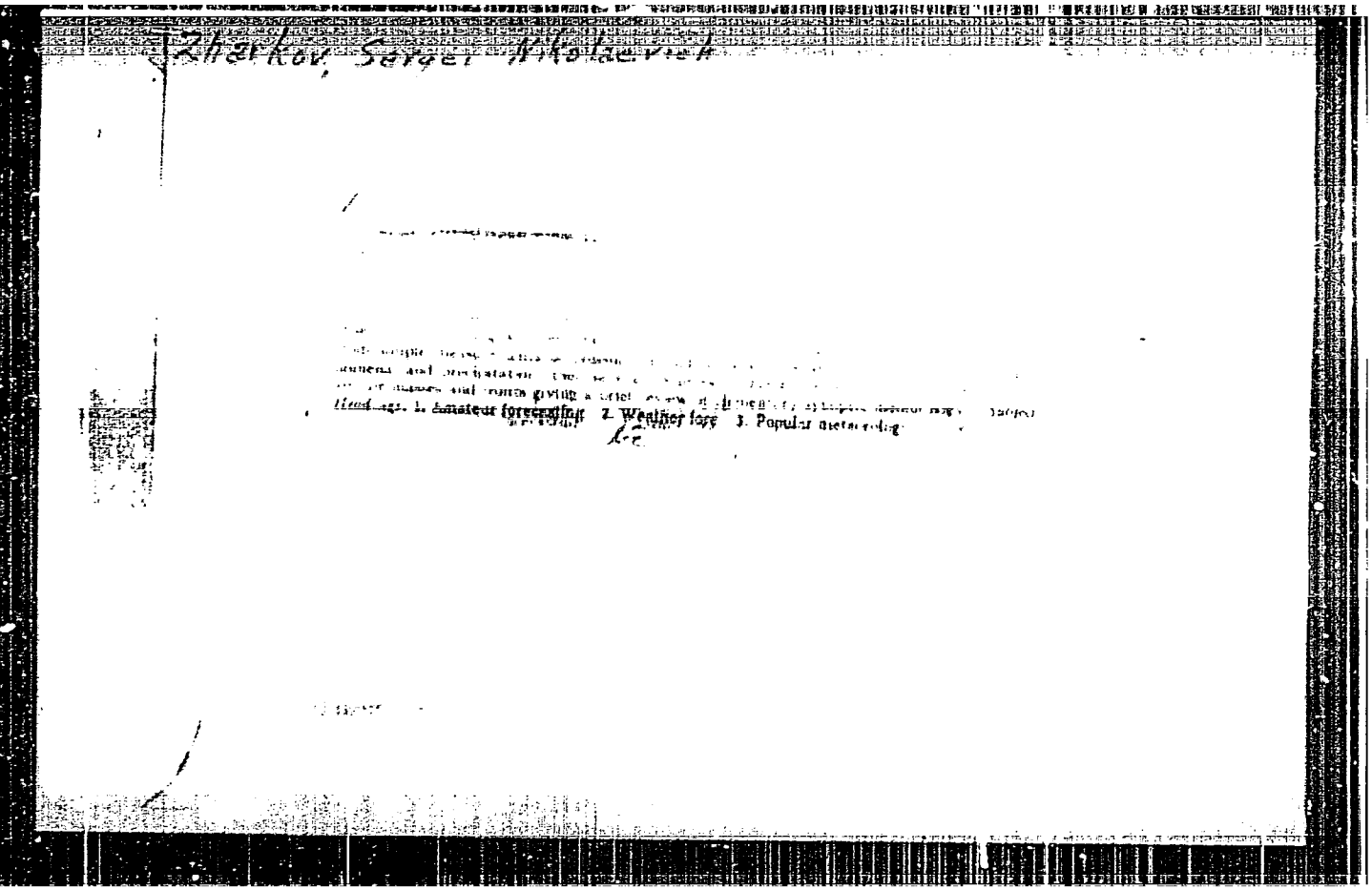

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